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A catalogue of the family Rhopalosomatidae (Vespoidea) of the Malagasy subregion (Insecta: Hymenoptera)

Michael MADL

A b s t r a c t : In the Malagasy subregion the family Rhopalosomatidae, which is known only from the Madagascar, is represented by the genera *Olixon* CAMERON, 1887 (two species) and *Paniscomima* ENDERLEIN, 1904 (four species).

K e y w o r d s : Insecta, Hymenoptera, *Olixon*, *Paniscomima*, Madagascar.

Introduction

The family Rhopalosomatidae is known from all zoogeographical regions except the Palaearctic region. In the Malagasy subregion it occurs only on the island of Madagascar. The larvae are parasitoids of Orthoptera (Gryllidae), but no host records of the Malagasy species are known.

Until now, two species of the genus *Olixon* CAMERON, 1887 and four species of the genus *Paniscomima* ENDERLEIN, 1904 have been recorded from Madagascar.

How to use the catalogue

The systematic part of the catalogue is organized alphabetically. Misidentifications and are marked with an asterisk (*). Only genera described from the Malagasy subregion are mentioned under synonyms and the number of valid species is also restricted to the Malagasy subregion.

The known records from Madagascar are listed province by province from North to South and old names or misspellings are in brackets.

Abbreviations

cat..... catalogue
 descr..... description
 ed..... editor
 fig. (figs) figure (figures)
 tax. taxonomy
 tab. table
 typ. gen.....typus generis

Annotated catalogue

Genus *Olixon* CAMERON, 1887

Description: CAMERON 1887: 412.

Typus generis: *Olixon testaceum* CAMERON, 1887.

Distribution: Afrotropical, Australian, Nearctic and Neotropical regions.

Valid species: 2.

Olixon martini LOHRMANN, 2007

Olixon martini sp.nov.: LOHRMANN 2007 (In: LOHRMANN & OHL): 40 (key), 42 (figs. 5, 6, 9), 43 (figs. 11, 13, 15), 44 (descr. ♂ ♀, Madagascar), 45 (fig. 16: map).

Olixon martini LOHRMANN, 2007: KROGMANN et al. 2009: 223 (fig. 1: map), 224 (cat.), 225 (tab. 2: tax.), 227 (tax.), 228 (figs. 3: tax., 4: tax.).

Distribution: Madagascar: Prov. Toliara: Reserve Special d'Ankazotaihitafototra (NW Ambaravaranalala).

Endemic.

Olixon toliaraensis LOHRMANN & OHL, 2007

Olixon toliaraensis sp.nov.: LOHRMANN & OHL 2007: 40 (key), 41 (descr. ♂ ♀, Madagascar), 42 (figs. 1-4, 7, 8), 43 (figs. 10, 12, 14), 45 (fig. 16: map).

Olixon toliaraensis LOHRMANN & OHL, 2007: KROGMANN et al. 2009: 223 (fig. 1: map), 224 (cat.), 225 (tab. 2: tax.), 227 (tax.), 228 (figs. 3: tax., 4: tax.).

Distribution: Madagascar: Prov. Toliara: Foret de Tsinjoriaky (E Tsifota).

Endemic.

Genus *Paniscomima* ENDERLEIN, 1904

Description: ENDERLEIN 1904: 465.

Typus generis: *Paniscomima erlangeriana* ENDERLEIN, 1904.

Synonym: *Rogezia* BERLAND, 1951.

Description: BERLAND 1951: 300.

Typus generis: *Rogezia seyrigi* BERLAND, 1951.

Distribution: Afrotropical and Oriental regions.

Valid species: 4.

Paniscomima bekilyi (BERLAND, 1951)

Rhopalosoma bekilyi n.sp.: BERLAND 1951a: 297 (descr. ♂ ♀, Madagascar), 298 (figs. 1, 2a, c), 299 (figs. 3a, b), 300 (figs. 4a-c), 302 (fig. 6d).

Paniscomima bekilyi (BERLAND, 1951): TOWNES 1977: 13 (key), 15 (tax., descr. ♂ ♀, Madagascar).

Paniscomima bekilyi (BERLAND, 1951): GUIDOTTI 2007: 300 (tab. 2: tax.), 302 (key), 303 (tax., Madagascar), 304 (fig. 6b), 307 (tax., fig. 8: tax.), 309 (Madagascar).

Paniscomima bekilyi (BERLAND, 1951): LOHRMANN 2011: 372 (Madagascar).

Distribution: Madagascar: Prov. Fianarantsoa: Massif d'Isalo – Prov. Toliara: Antanimora, Behara, Bekily, Fort-Dauphin.

Endemic.

***Paniscomima curta* TOWNES, 1977**

Paniscomima curta n.sp.: TOWNES 1977: 13 (key), 16 (descr. ♂, Madagascar).

Paniscomima curta TOWNES, 1977: GUIDOTTI 2007: 300 (tab. 2: tax.), 302 (key), 303 (tax., Madagascar), 307 (tax., fig. 8: tax.), 309 (Madagascar).

Paniscomima curta TOWNES, 1977: LOHRMANN 2011: 372 (Madagascar).

**Rogezia Seyrigi* n.sp.: BERLAND 1951a: 301 (descr. ♂ partim, Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe (Perinet) – Prov. Toliara: Ivondro (leg. Seyrig).

Endemic.

***Paniscomima rufoantennata* (BERLAND, 1951)**

Rhopalosoma bekilyi rufoantennata n.var.: BERLAND 1951a: 298 (descr., Madagascar).

Paniscomima rufoantennata (BERLAND, 1951): TOWNES 1977: 13 (key), 15 (tax., Madagascar).

Paniscomima rufoantennata (BERLAND, 1951): MADL 1996: 839 (Madagascar).

Paniscomima rufoantennata (BERLAND, 1951): GUIDOTTI 2007: 300 (tab. 2: tax.), 302 (key), 306 (tax., Madagascar), 307 (tax., fig. 8: tax.), 309 (Madagascar).

Paniscomima rufoantennata (BERLAND, 1951): LOHRMANN 2011: 372 (Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Nosy Boraha (Sainte Marie) – Prov. Toliara: Antanimora, Behara, Bekily, Fort-Dauphin.

Endemic.

***Paniscomima seyrigi* (BERLAND, 1951)**

Rogezia Seyrigi n.sp.: BERLAND 1951a: 298 (fig. 2b), 301 (typ. gen., descr. ♂ (partim) ♀, fig. 5, Madagascar), 302 (fig. 6e).

Paniscomima seyrigi (BERLAND, 1951): TOWNES 1977: 13 (key), 14 (tax., descr. ♀, Madagascar).

Paniscomima seyrigi (BERLAND, 1951): GUIDOTTI 2007: 300 (tab. 2: tax.), 301 (key), 303 (fig. 5c), 304 (fig. 6e), 306 (tax., descr. ♂ ♀, Madagascar), 307 (tax., fig. 8: tax.), 309 (Madagascar).

Paniscomima seyrigi (BERLAND, 1951): LOHRMANN 2011: 372 (Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Reserve Naturelle Integrale Marojejy (8 km NW Manantenina) – Prov. Toamasina: Andekaleka (Rogez), Sud de la Baie d'Antongil – Prov. Toliara: Ivondro (leg. Seyrig).

Endemic.

D o u b t f u l t a x a

I can not assign following records to a known species.

***Paniscomima* sp. 1**

Rhopalosoma sp.: BERLAND 1951b: 995 (fig. 921, Madagascar without locality).

D i s t r i b u t i o n : Madagascar: without locality.

***Paniscomima* sp. 2**

Rhopalosoma sp.: BROTHERS 1975: 560 (Madagascar without locality).

D i s t r i b u t i o n : Madagascar: without locality.

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Zusammenfassung

In der madagassischen Unterregion ist die Familie Rhopalosomatidae, die nur auf der Insel Madagaskar vorkommt, mit den Gattungen *Olixon* CAMERON, 1887 (zwei Arten) und *Paniscomima* ENDERLEIN, 1904 (vier Arten) vertreten.

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Valid names are printed in bold, synonyms in italics and misidentifications or identifications to genus level in normal letters.

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Author's address: Michael MADL
2. Zoologische Abteilung
Naturhistorisches Museum
Burgring 7
A-1010 Wien, Austria
E-mail: michael.madl@nhm-wien.ac.at